

Rabbit RAB7A / RAB7 Polyclonal Antibody | anti-RAB7A antibody

Rabbit Polyclonal to Human RAB7A / RAB7

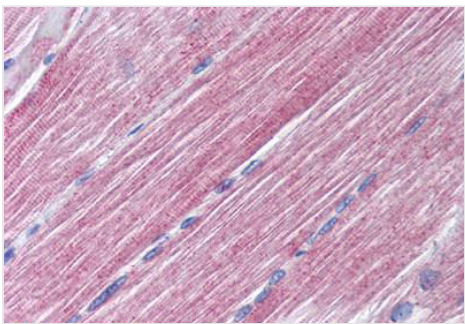
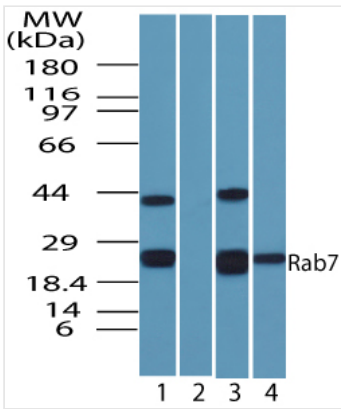
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50836	Rabbit	Bovine, Chimpanzee, Chicken, Dog, Xenopus, Human, Monkey, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

RAB7A / RAB7; Polyclonal Antibody; Rabbit Polyclonal to Human RAB7A / RAB7; Anti-RAB7A / RAB7 Antibody (aa90-140) IHC-plus; RAB7A; CMT2B; PRO2706; RAB7; Ras-associated protein RAB7; Ras-related protein Rab-7a; PSN; Human RAB7A; anti-RAB7A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bovine, Chimpanzee, Chicken, Dog, Xenopus, Human, Monkey, Rat, Zebrafish
Clonality	Polyclonal
Specificity	A portion of amino acids 90-140 of human Rab7 protein
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	207
Applicable Applications for anti-RAB7A antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human RAB7A / RAB7.
Immunogen Type	Synthetic peptide
Immunogen	RAB7A / RAB7 antibody was raised against synthetic peptide from human RAB7A / RAB7.
Antigen Modification	aa90-140
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.



IHC (Immunohistochemistry)
Anti-RAB7 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

WB (Western Blot)
Western blot of human Rab7 in HeLa cell lysate in the 1) absence and 2) presence of immunizing peptide 3) 3T3 and 4) RAW using antibody at 0.25 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB7A antibody	RAB family members are small, RAS-related GTP-binding proteins that are important regulators of vesicular transport. Each RAB protein targets multiple proteins that act in exocytic / endocytic pathways. RAB7A encodes a RAB family member that regulates vesicle traffic in the late endosomes and also from late endosomes to lysosomes. This encoded protein is also involved in the cellular vacuolation of the VacA cytotoxin of Helicobacter pylori.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34147513
NCBI GeneID	7879
NCBI Accession #	NP_004628.4
NCBI GenBank Nucleotide #	NM_004637.5
UniProt Accession #	P51149; Q9NWX0; Q9UPB0; A8K3V6
Molecular Weight	23,490 Da
NCBI Official Full Name	ras-related protein Rab-7a
NCBI Official Synonym Full Names	RAB7A, member RAS oncogene family
NCBI Official Symbol	RAB7A
NCBI Official Synonym Symbols	RAB7; PRO2706
NCBI Protein Information	ras-related protein Rab-7a; Ras-associated protein RAB7; RAB7, member RAS oncogene family
UniProt Protein Name	Ras-related protein Rab-7a
UniProt Gene Name	RAB7A
UniProt Synonym Gene Names	RAB7
UniProt Entry Name	RAB7A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.